

Asst. Prof. AYŞE KARAOĞLU

Personal Information

Email: aykaraoglu@gelisim.edu.tr

Web: <https://avesis.gelisim.edu.tr/aykaraoglu>

International Researcher IDs

ORCID: 0009-0001-0919-0512

Yoksis Researcher ID: 347727

Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Nükleer Uygulamalar (Dr), Turkey 2010 - 2017

Postgraduate, Balıkesir University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 2008 - 2010

Undergraduate, Ege University, Fen Fakültesi, Fizik Bölümü, Turkey 2003 - 2008

Dissertations

Doctorate, Bor nötron yakalama terapisinde oluşan yüksek lineer enerji transferli parçacıkların hücre içi dozimetrisi, Ege University, Fen Bilimleri Enstitüsü, Nükleer Uygulamalar (Dr), 2017

Postgraduate, Dört dişli Schiff bazı ligandları kullanılarak elde edilen çn köprülü çok çekirdekli metal komplekslerinin sentezlenmesi, kristal yapı ve manyetik özelliklerinin incelenmesi, Balıkesir University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 2010

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, ELECTRICAL AND ELECTRONICS ENGINEERING, 2021 - Continues

Courses

Teze Giriş ve Seminer, Undergraduate, 2023 - 2024

Fizik II, Undergraduate, 2023 - 2024

Teze Giriş ve Seminer, Postgraduate, 2022 - 2023

Fizik 2, Undergraduate, 2022 - 2023

FİZİK I, Undergraduate, 2023 - 2024

Fizik 1, Undergraduate, 2022 - 2023

Fizik 1, Undergraduate, 2022 - 2023, 2021 - 2022

Bilimsel Araştırma Teknikleri, Postgraduate, 2022 - 2023

Teze Giriş ve Seminer, Postgraduate, 2022 - 2023

Biyofizik, Undergraduate, 2021 - 2022

Fizik 2, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Enhancing motor performance through brief skin cooling: exploring the role of enhanced sympathetic tone and muscle spindle sensitivity**
Cetin M., Kokce M., KARAOĞLU A., Kalaoglu E., Kibar H., Sezikli S., Ozkan M., TÜRKER K. S., Karacan I.
European Journal of Applied Physiology, 2024 (SCI-Expanded)
- II. **A reliability study on the cumulative averaging method for estimating effective stimulus time in vibration studies**
Kilic A., Soytürk G., Karaoglu A., Topkara Arslan B., Karacan I., Türker K. S.
Journal of Electromyography and Kinesiology, vol.70, 2023 (SCI-Expanded)
- III. **Estimating and minimizing movement artifacts in surface electromyogram**
Karacan I., TOPKARA ARSLAN B., KARAOĞLU A., Aydin T., Gray S., Ugan P., TÜRKER K. S.
Journal of Electromyography and Kinesiology, vol.70, 2023 (SCI-Expanded)
- IV. **A new method to determine stretch reflex latency**
Topkara B., Aydin T., Corum M., Karaoglu A., Ekici Zincirci D., S Bugdayci D., Ones K., Paker N., Kesiktas N., Karacan I., et al.
Muscle and Nerve, vol.64, no.6, pp.726-733, 2021 (SCI-Expanded)
- V. **Calculation by GAMOS/Geant4 simulation of cellular energy distributions from alpha and lithium-7 particles created by BNCT**
Karaoglu A., Arce P., Obradors D., Lagares J. I., Unak P.
Applied Radiation and Isotopes, vol.132, pp.206-211, 2018 (SCI-Expanded)
- VI. **Synthesis, crystal structure, magnetic properties and computational study of a series of cyano-bridged MnIII-FeIII complexes**
Kara H., Azizoglu A., Karaoglu A., Yahsi Y., Gungor E., Caneschi A., Sorace L.
CrystEngComm, vol.14, no.21, pp.7320-7329, 2012 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Frekansogram ile kısa-interval intrakortikal inhibisyonun incelenmesi**
Kaya İ., KARAOĞLU A., TOPKARA ARSLAN B., UYSAL H., TÜRKER K. S.
59. Ulusal Nöroloji Kongresi, 13 - 18 December 2023
- II. **Cellular Microdosimetry of Alpha and Lithium-7 for Boron Neutron Capture Therapy,**
KARAOĞLU A., ÜNAK P.
Hazerfan International Congress of Science, Mathematics and Engineering Sciences, 8 - 10 November 2019
- III. **Structure and Magnetic properties of Manganese(III)-Schiff-Base-Hexacyanoferrate-Polymeric Compound**
KARAOĞLU A., KARA SUBAŞAT H., Kurtaran R., AZİZOĞLU A., Hughes R., Haddow M., Haddow M.
26. European Crystallographic Meeting, 29 August - 02 September 2010
- IV. **The cyano-bridged pentanuclear Fe(III)₃ cluster: Structure and magnetic properties**
KARAOĞLU A., KARA SUBAŞAT H., Kurtaran R., AZİZOĞLU A., Yahşi Y., Sorace L.
Türk Fizik Derneği 26. Uluslararası Fizik Kongresi, 24 - 27 September 2009
- V. **The three-dimensional network structure and magnetic characterization of a cyano-bridged Mn(III)-Fe(III) bimetallic complex**
KARA SUBAŞAT H., KARAOĞLU A., Kurtaran R., AZİZOĞLU A., Haddow M., Sorace L.
6. Nanobilim ve Nanoteknoloji Konferansı, 15 - 18 June 2010
- VI. **Synthesis and structure analysis of Cu(II) compound**
KARAOĞLU A., KARA SUBAŞAT H.
6. Nanobilim ve Nanoteknoloji Konferansı, 15 - 18 June 2010
- VII. **The cyano-bridged pentanuclear Mn(III)₄Fe(III) cluster: Structure and magnetic properties**
KARAOĞLU A., KARA SUBAŞAT H., Kurtaran R., AZİZOĞLU A., Yahşi Y., Sorace L., Hughes R., Haddow M.

25. European Crystallographic Meeting, 16 - 21 August 2009